

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Previously presented): A method for reporting events in a wireless intelligent network, said method comprises the steps of:

identifying a group associated with a wireless subscriber when an event that indicates an error in routing a call to the wireless subscriber is detected;

determining a directory number associated with the identified group and the detected event;

establishing a call between the wireless subscriber and a message node in the network using the determined directory number;

generating a message by the message node based on the directory number and a profile associated with the identified group; and

reporting the message to the wireless subscriber.

2. (Original): The method of claim 1, wherein the identifying step comprises the step of:

identifying a subscriber group associated with the wireless subscriber when the event is detected.

3. (Original): The method of claim 1, wherein the identifying step comprises the step of:

identifying the group when the detected event is associated with a call requested by the wireless subscriber.

4. (Original): The method of claim 1, wherein the identifying step comprises the step of:

identifying the group when the detected event is associated with a call that is requested by the wireless subscriber and that cannot be established in the network.

5. (Original): The method of claim 1, wherein the identifying step comprises the step of:

retrieving from a subscriber services database in the network a group identifier associated with the calling wireless subscriber.

6. (Original): The method of claim 1, wherein the determining step comprises the step of:

selecting the directory number from a table that includes one or more predetermined directory numbers indexed by event identifiers and group identifiers.

7. (Cancelled):

8. (Original): The method of claim 1, wherein the reporting step comprises the step of:

executing the message in a voice format.

9. (Original): The method of claim 1, wherein the reporting step comprises the step of:

executing the message in a telecommunications device for deaf (TDD) format.

10. (Original): The method of claim 1, wherein the reporting step comprises the step of:

executing the message in a data format.

11. (Previous ~~Presented~~): A method for reporting events that indicate at least one error associated with calls requested by wireless subscribers in a wireless intelligent network, wherein the wireless subscribers are members of subscriber groups, said method comprises the steps of:

associating one or more directory numbers with the events and the subscriber groups;

storing, in a message node in the network, messages corresponding to the associated directory numbers, respectively;

establishing calls, when the network detects the events that indicate the at least one error, between the message node and a subscriber based on the directory numbers, wherein the message node selects one or more messages that are provided to a subscriber based on the directory numbers and the associated subscriber group.

12. (Cancelled):

13. (Original): The method of claim 11, wherein the storing step comprises the step of:

storing the messages in a plurality of predetermined formats.

14. (Original): The method of claim 11, wherein the storing step comprises the step of:

storing the messages in a plurality of predetermined languages.

15. (Original): The method of claim 11, wherein the establishing step comprises the step of:

establishing the calls to the message node when a location register in the network detects the events.

16. (Original): The method of claim 11, wherein the establishing step comprises the step of:

requesting a route from a location register in the network when one of the wireless subscribers requests a call to another one of the wireless subscribers.

17. (CURRENTLY AMENDED): A method for reporting events in a wireless intelligent network comprising a switching node and a message node interconnected by a network, said method comprises the steps of:

receiving, at the switching node, a request for establishing a call from a wireline subscriber to a wireless subscriber in the wireless intelligent network;

identifying a location register in the wireless intelligent network for routing the call;

receiving, at the switching node, a directory number from the identified location register; and

establishing the call from the wireline subscriber to the message node [[using]] based on the received directory number and a subscriber group associated with the wireless subscriber, when an event that indicates an error associated with the call is detected.

18. (Original): The method of claim 17, further comprising the step of: terminating the call established from the wireline subscriber to the message node when a request for disconnect is received from the wireline subscriber or the message node.

19. (Original): The method of claim 17, wherein the receiving step comprises the step of:

receiving the directory number in a call request response generated by the location register.

20. (Previously presented): A method for reporting events in a wireless network comprising a switching node, a location register, and a message node, said method comprises the steps of:

receiving, at the location register, a request from the switching node for routing a call from a first subscriber to a second subscriber in the wireless network;

identifying a group associated with the first subscriber when an event that indicates an error associated with the call is detected;

selecting a directory number based on the identified group and the detected event; and

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sending the selected directory number to the switching node such that the call is established from the first subscriber to the message node to allow the message node to provide to the first subscriber a message that is selected based on the directory number and a profile associated with the identified group.

21. (Original): The method of claim 20, wherein the selecting step comprises the step of:

selecting the directory number from a plurality of predetermined directory numbers that are indexed by event identifiers and group identifiers.

22. (CURRENTLY AMENDED): A wireless switching node, comprising:
a memory including:

a structure for identifying a location register representative of an identified group in a wireless network when the switching node receives a

request for establishing a call from a first subscriber to a second subscriber in the wireless network, wherein the structure includes a trigger indexed by a variable number of digits in a directory number of the first subscriber; and

computer-readable code for establishing the call from the first subscriber to a message node in the wireless network when an event that indicates an error associated with the call is detected; and

a processor for executing the computer-readable code.

23. (Cancelled):

24. (Previously presented): The wireless switching node of claim 22, wherein the structure includes a trigger indexed by an area code in a directory number of the first subscriber.

25. (Previously presented): The wireless switching node of claim 22, wherein the structure includes a trigger indexed by an area code and an office code in the directory number of the first subscriber.

26. (Previously presented): A location register, comprising:
a memory including:

a structure for storing predetermined directory numbers associated with events that indicate errors associated with calls in a wireless network and groups in the wireless intelligent network, wherein the predetermined directory numbers correspond, respectively, to messages stored in a message node in the wireless intelligent network; and

computer-readable code for detecting at least one of the events that indicate errors in the wireless network when one subscriber requests a call to another subscriber, identifying a group associated with the one subscriber requesting the call, and selecting, based on the detected event and the identified group, one of the stored predetermined directory numbers that is used to establish communications between the one subscriber and the message node and is used by the message node to select one of the messages to be sent to the one subscriber; and a processor for executing the computer-readable code.

27. (Previously presented): A message node, comprising:
a storage module for storing messages associated, respectively, with predetermined directory numbers that correspond to events that indicate errors in a wireless intelligent network and correspond to groups with profiles associated with wireless subscribers;

a memory including computer-readable code for selecting one of the messages based on the profiles when the wireless intelligent network detects at least one of the events, establishing a call to one of the predetermined directory numbers, and providing the selected message to a subscriber associated with the one predetermined directory number; and

a processor for executing the computer-readable code.

28. (Original): The message node of claim 27, wherein the messages are stored in a plurality of formats.

29. (Original): The message node of claim 27, wherein at least one of the messages is stored in a voice format.

30. (Original): The message node of claim 27, wherein at least one of the messages is stored in a telecommunications for deaf (TDD) format.

31. (Original): The message node of claim 27, wherein at least one of the messages is stored in a data format.

32. (Original): The message node of claim 27, wherein the messages are stored in a plurality of languages.

33. (CURRENTLY AMENDED): A computer-readable medium capable of configuring a computer to perform a method for reporting events in a wireless intelligent network, said method comprising the steps of:

receiving a request for establishing a call from a first subscriber to a second subscriber in the wireless intelligent network;

requesting a route from a location register in the network;

receiving from the location register a directory number;

establishing the call from the first subscriber to a message node in the wireless intelligent network [[using]] based on the received directory number and a subscriber group associated with the first subscriber, when an event that indicates an error associated with the call is detected; and

providing a message to the first subscriber based on the directory number and a profile associated with the subscriber group corresponding to the first subscriber.

Claims 34-36 (Cancelled):

37. (Previously presented): A method for reporting events in a wireless intelligent network, said method comprises the steps of:

identifying a group associated with a wireless subscriber when an event that indicates an error in routing a call to the wireless subscriber is detected;

determining a directory number from a table that includes one or more predetermined directory numbers indexed by event identifiers that are each associated with an event and group identifiers that are each associated with a subscriber group; and

reporting to a subscriber attempting to communicate with the wireless subscriber, a message associated with the determined directory number.

38. (Original): The method of claim 37, wherein the identifying step comprises the step of:

identifying a subscriber group associated with the wireless subscriber when the event is detected.

39. (Original): The method of claim 37, wherein the identifying step comprises the step of:

identifying the group when the detected event is associated with a call requested to the wireless subscriber.

40. (Original): The method of claim 37, wherein the identifying step comprises the step of:

identifying the group when the detected event is associated with a call that is requested by the subscriber attempting to communicate with the wireless subscriber and that cannot be established in the wireless intelligent network.

41. (Original): The method of claim 40, wherein the identifying step comprises the step of:

retrieving from a subscriber services database in the wireless intelligent network, a group identifier associated with the wireless subscriber.

42. (Cancelled):

43. (Original): The method of claim 37, wherein the reporting step comprises the step of:

establishing a call from the wireless subscriber to a message node in the network using the determined directory number.

44. (Original): The method of claim 37, wherein the reporting step comprises the step of:

executing the message in a voice format.

45. (Original): The method of claim 37, wherein the reporting step comprises the step of:

executing the message in a telecommunication device for deaf (TDD) format.

46. (Original): The method of claim 37, wherein the reporting step comprises the step of:

executing the message in a data format.